

FIG. 1A

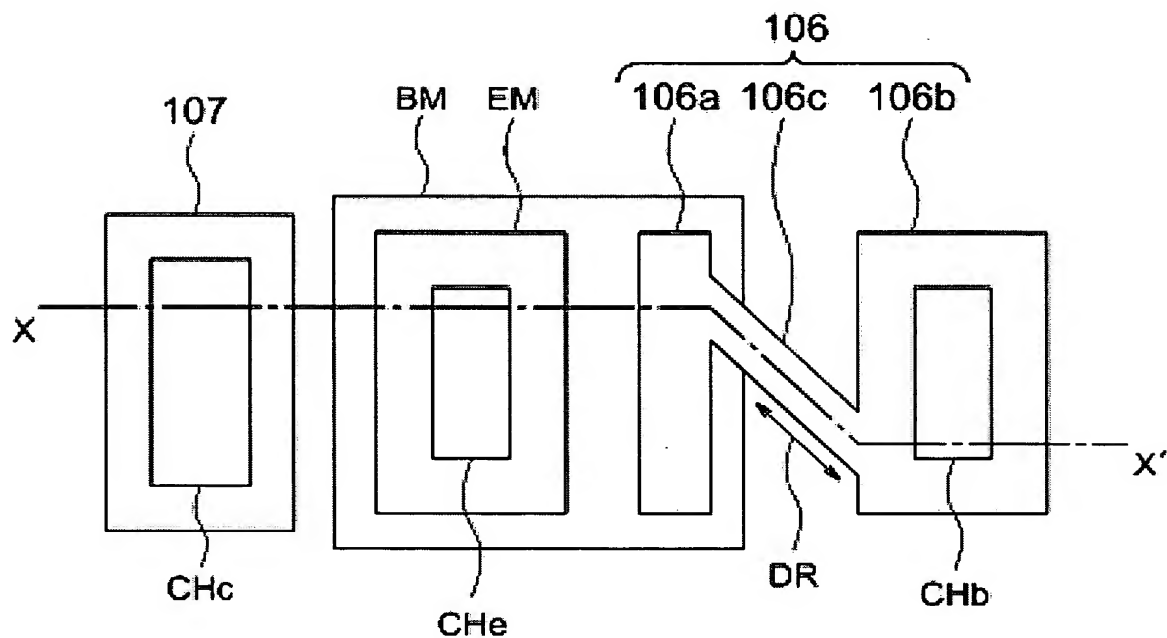


FIG. 1B

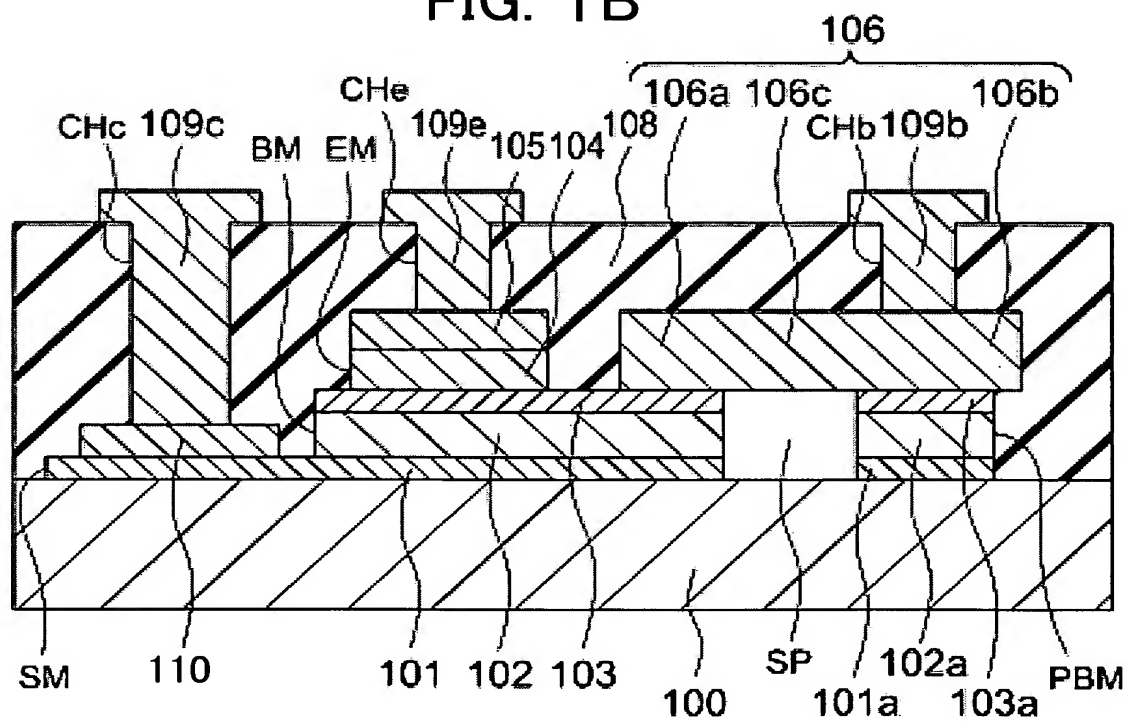


FIG. 2A

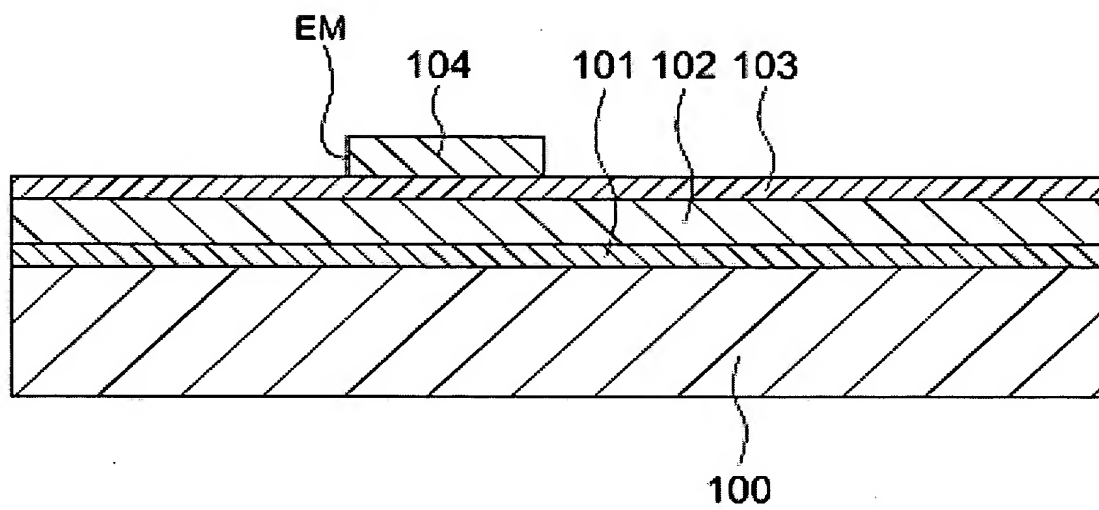


FIG. 2B

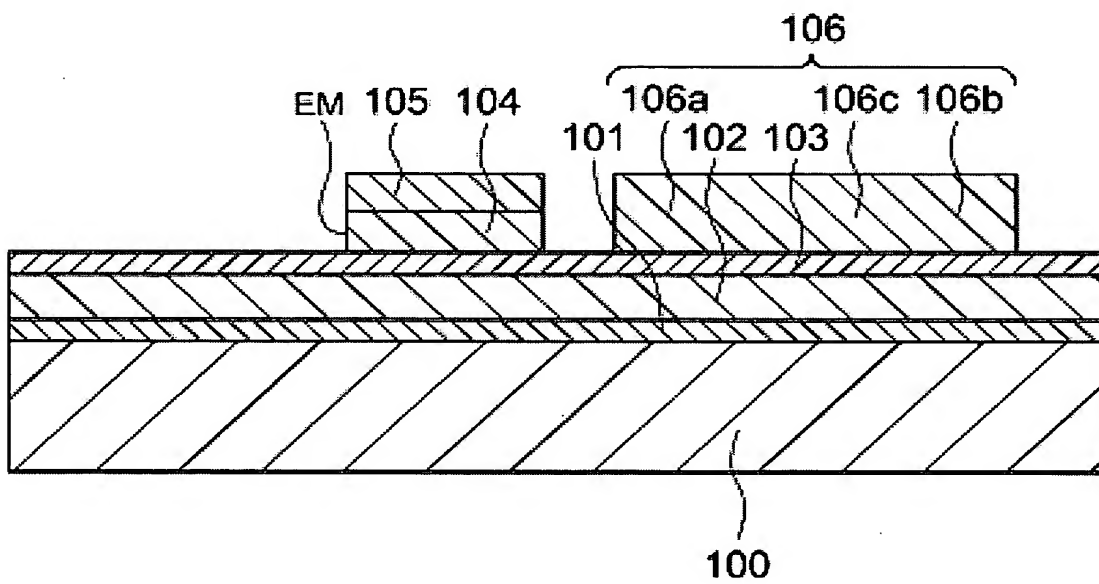


FIG. 2C

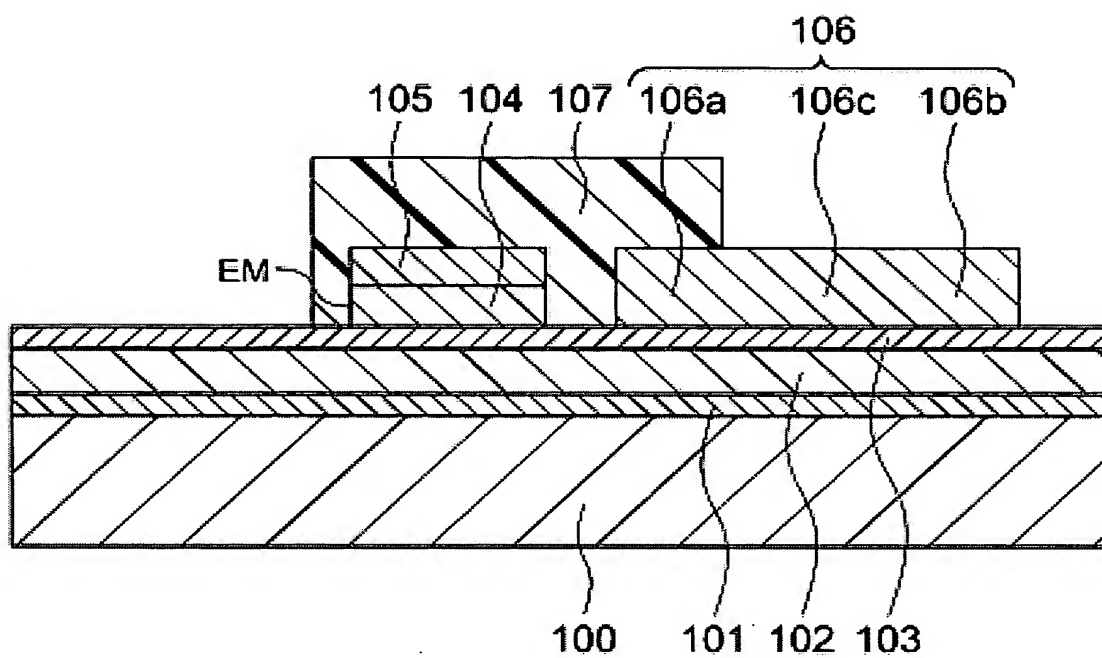


FIG. 2D

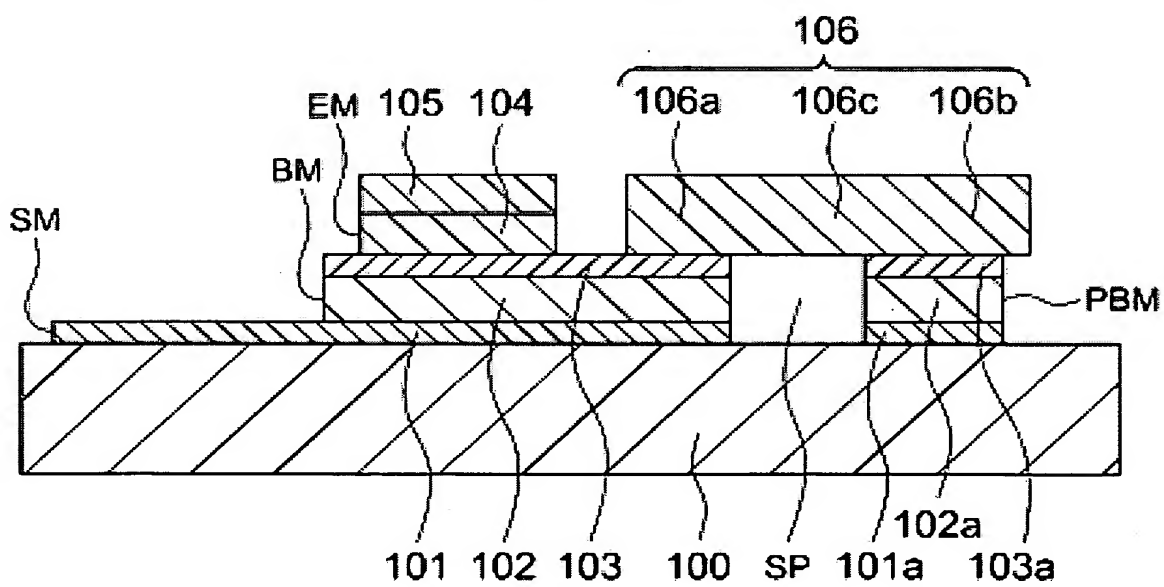


FIG. 3A

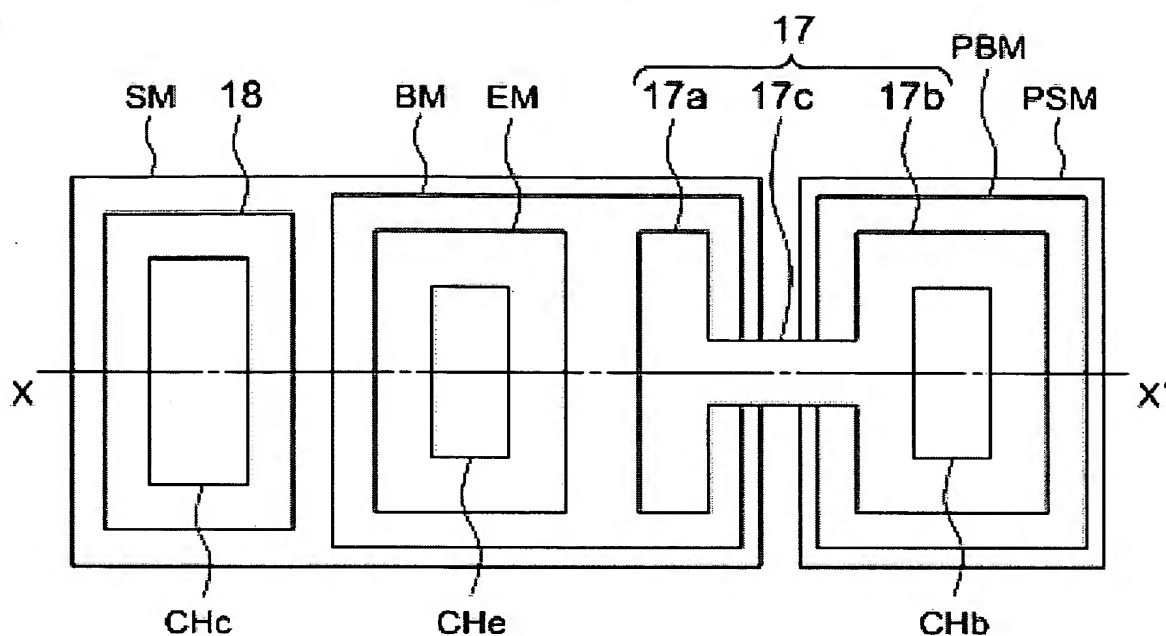
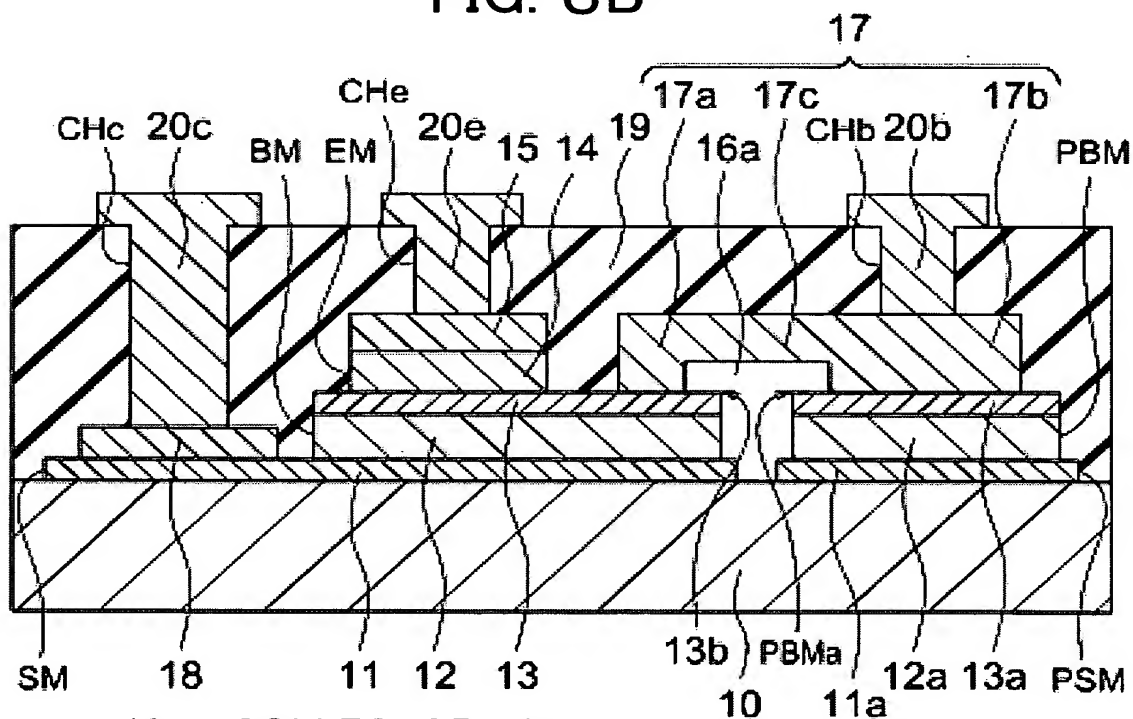


FIG. 3B



- 12...COLLECTOR LAYER
- 13...BASE LAYER
- 14...EMITTER LAYER
- 17...INTERCONNECTING LAYER
- 17a...BASE ELECTRODE
- 17b...BASE CONTACT PAD ELECTRODE
- 17c...INTERCONNECTING PORTION
- PBM...BASE MESA STRUCTURE FOR USING BASE CONTACTED PAD

FIG. 4A

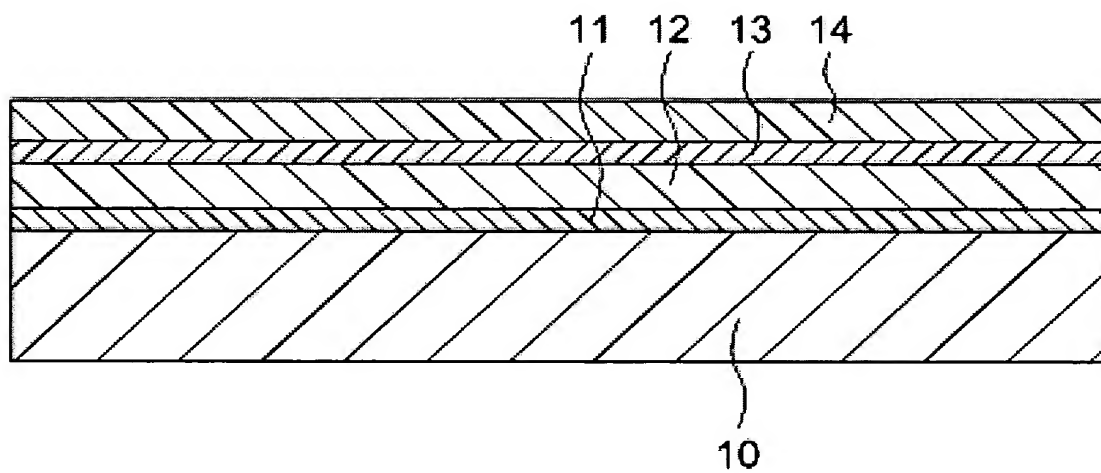


FIG. 4B

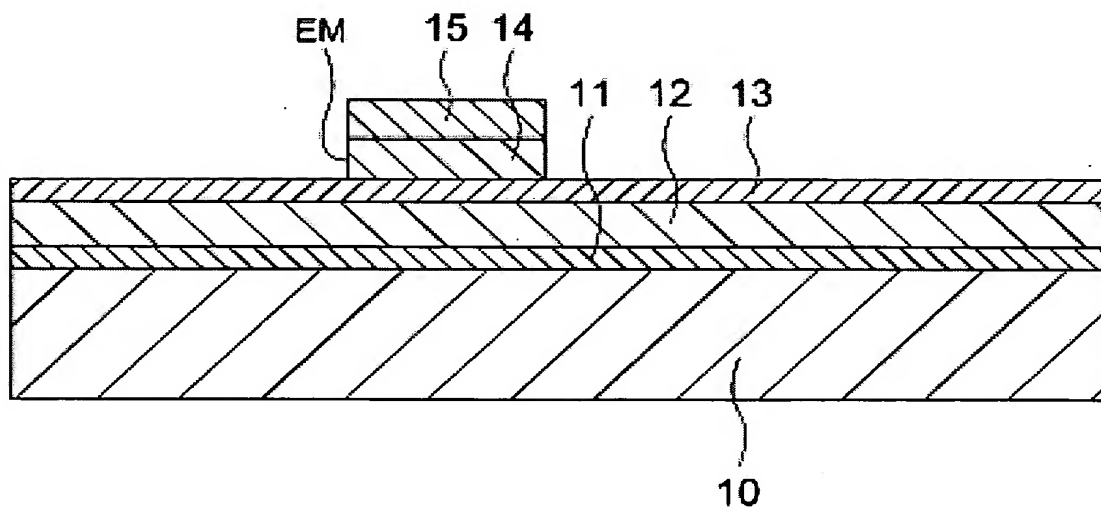


FIG. 4C

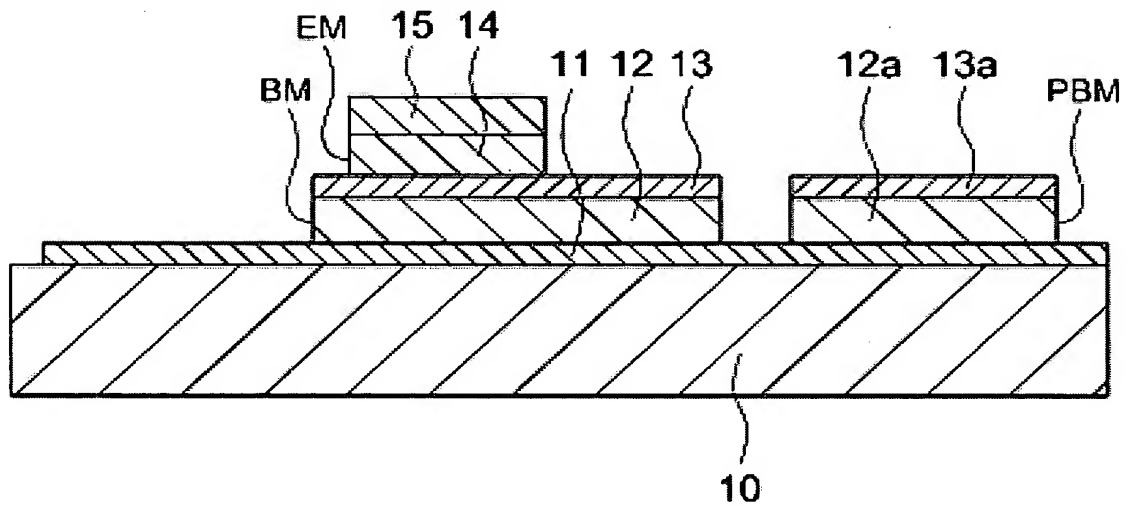
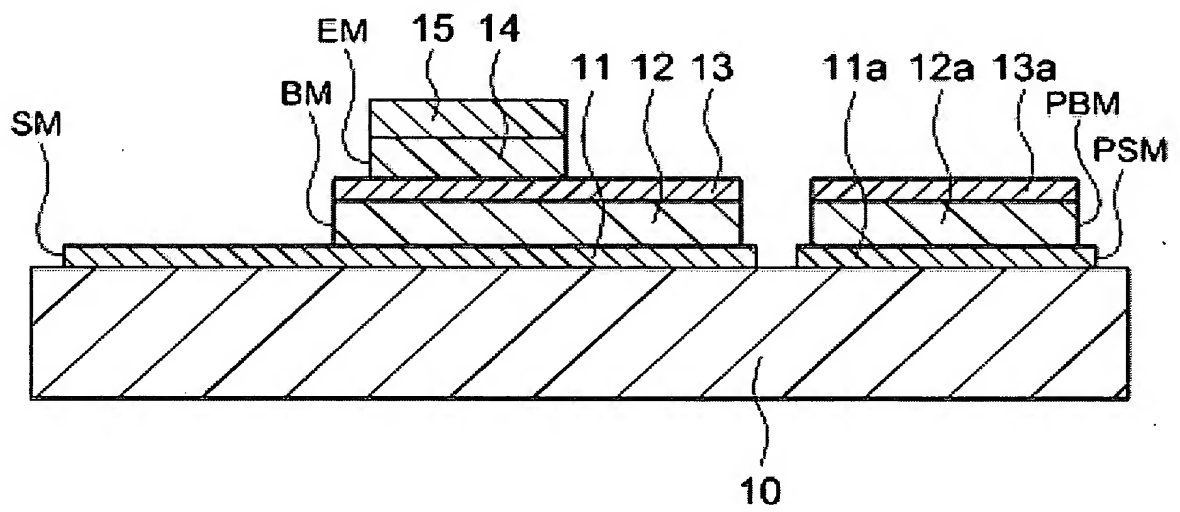


FIG. 4D



[illegible][illegible]

FIG. 4G

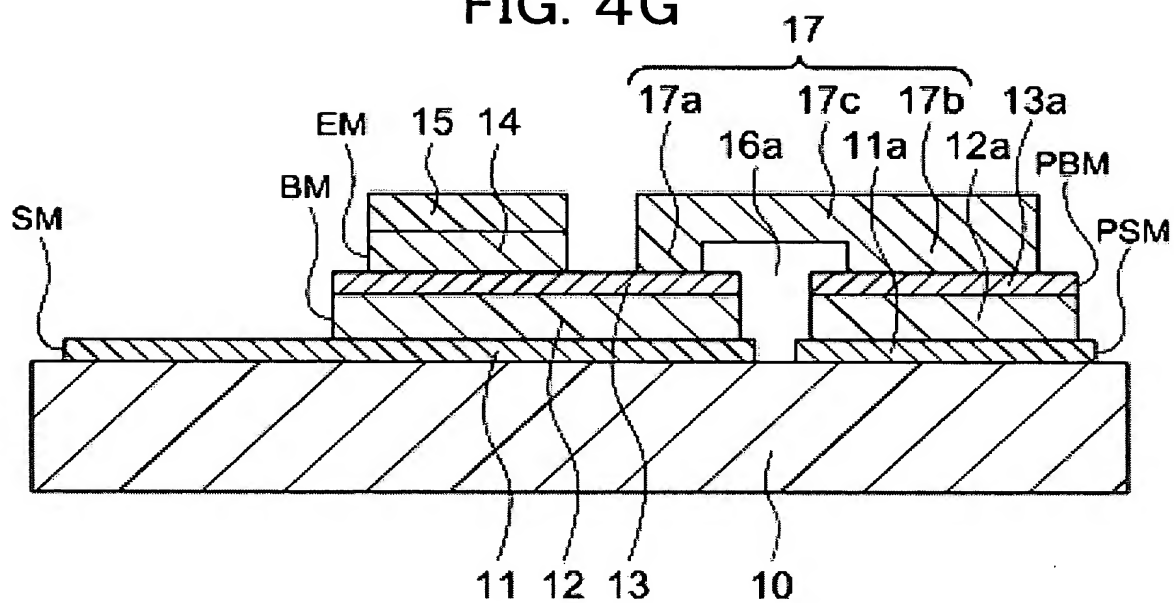


FIG. 4H

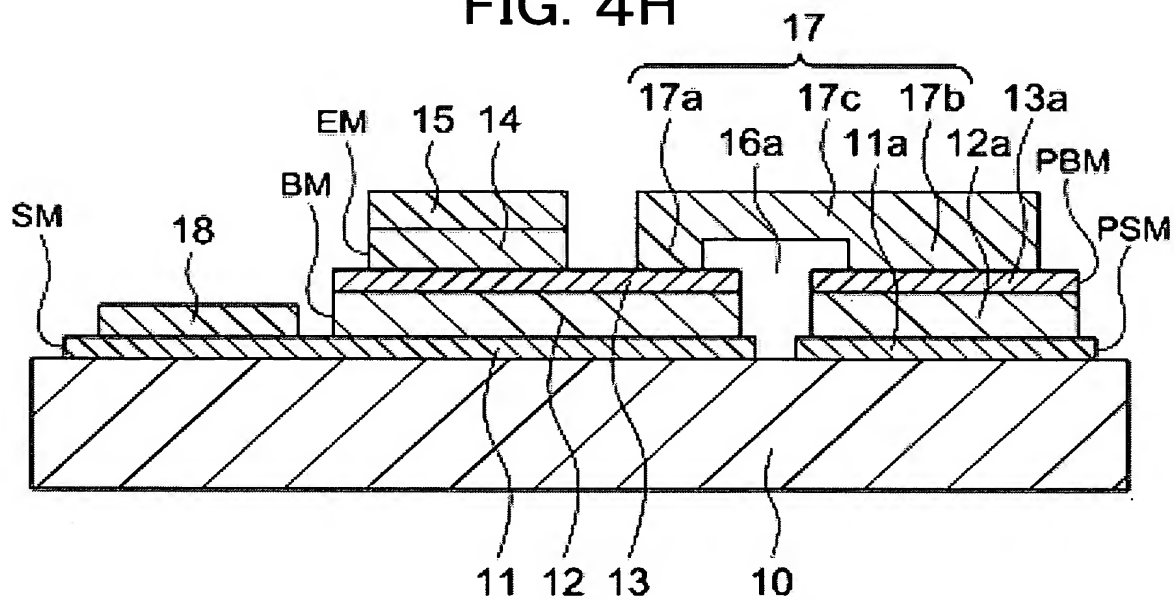




FIG. 4I

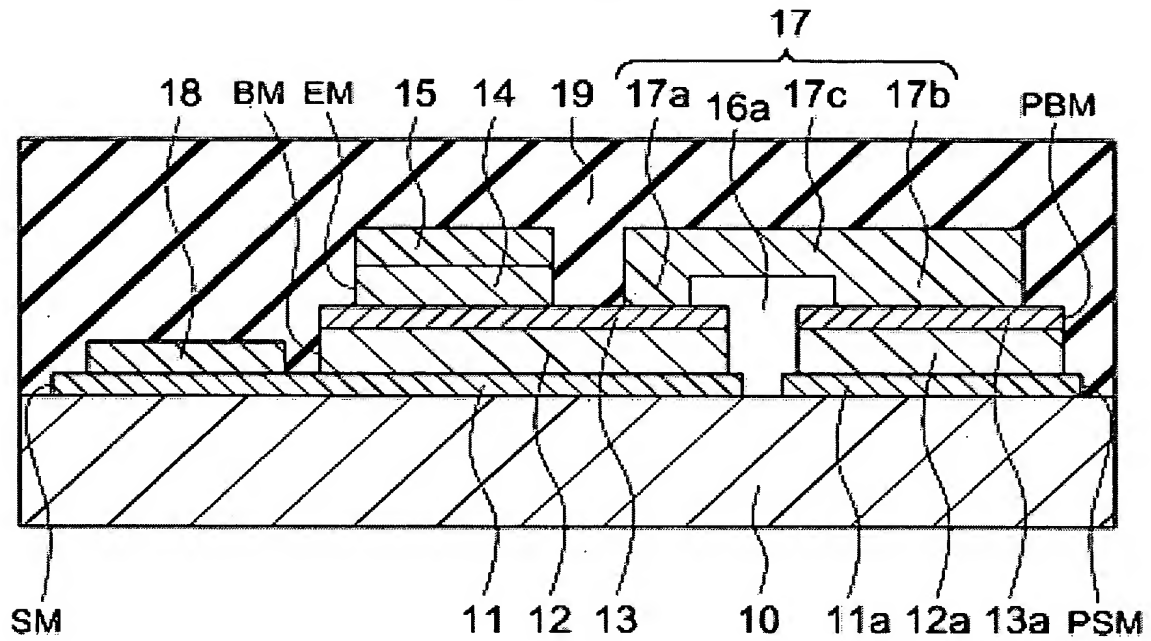


FIG. 4J

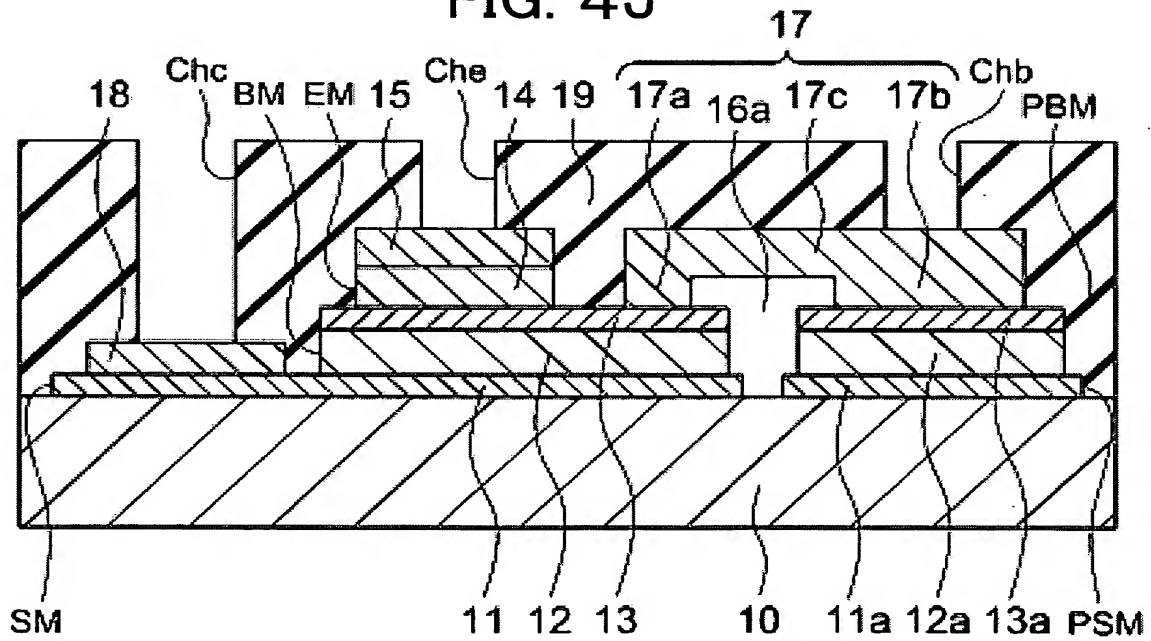


FIG. 5

